

- in line 4, replace "in the " with ~~located within the walls of a~~;
- in line 10, replace "of the" with ~~the~~;
- in line 11, replace "Included among the performance features in" with ~~In~~;
- 5            in line 12, after "ISDN", insert ~~(Integrated Services Digital Network)~~,  
and after "are", insert ~~other features~~;
- in line 13, after "received", insert ~~may be included~~;
- in line 15, replace "wherein" with ~~in which~~;
- in line 20, replace "In current" with ~~Current~~, after "systems", insert
- 10        ~~may~~, and after "example,", insert ~~realize~~;
- in line 21, cancel "are realized";
- in line 22, after "units", insert ~~(S<sub>2M</sub> accesses)~~, and cancel "that are also  
referred to as S<sub>2M</sub>";
- in line 23, cancel "accesses";
- 15           in line 25, after "example", insert ~~,~~; and
- in line 28, after "as", insert ~~a~~.

**On substitute page 2:**

- in line 1, replace "whereby" with ~~where~~;
- in line 5, replace "whereby" with ~~where~~;
- 20        in line 8, after "example,", insert ~~an~~;
- in line 10, replace "particulars-" with ~~information the~~;
- in line 11, replace "control means" with ~~controller~~;
- in line 12, replace "protocol -suited" with ~~suited for a particular  
protocol~~;
- 25           in line 21, after "example", insert ~~,~~;
- in line 24, cancel ",";
- in line 25, after "information", insert ~~(~~; and
- in line 27, replace "thereto" with ~~to it~~, and after "protocol", insert ~~)~~.

**On substitute page 2a:**

in line 3, after "as", insert -a-;

in line 7, after "example", insert -,-;

in line 8, replace "thereby ensues" with -occurs-;

5 in line 11, after "as", insert -an-; and

in line 13, replace "given" with -for-, and replace "Given" with -For-.

**On page 3:**

in line 2, after "example", insert -,-;

10 above line 4, insert

--SUMMARY OF THE INVENTION--;

in line 4, replace "specifying" with -providing-;

in line 6, cancel " ' "

replace line 7 with

15 This object is inventively achieved with a network switching unit for a communication system, comprising

at least one data network line unit comprising a data network interface for a connection to a local data network;

20 a signaling unit for a connection to a control unit of the communication system;

— a PCM line unit comprising a bidirectional time-division multiplex-oriented PCM interface for a connection to a switching network module of the communication system, the PCM line unit comprising 1) an assembly switching network module for switching payload connections conducted over the PCM interface; and 2) a DTMF recognition unit for an identification and analysis of control information received via the payload connections in a form of DTMF signals;

the arrangement further comprising:

30 a conversion unit that is connected to the data network line unit, to the signaling unit and to the PCM line unit, the conversion unit comprising: 1) an

evaluation unit for routing information, that produces an evaluation result; 2) a switching unit for communicating data packets depending on the evaluation result; and 3) a conversion unit for a protocol-suited conversion of the data packets.--

in lines 8-9, cancel "comprised therein";

5 in line 13, cancel ", respectively,", and replace "therein" with --within--;

in line 15, cancel ", respectively,"; and

in lines 27-28, cancel "comprised therein".

**On substitute page 4:**

replace lines 9-10 with

10 -- The inventive arrangement may be a subscriber line assembly of the communications system. Furthermore, the switching unit of the arrangement can be configured for communicating said data packets: a) between internal communication terminal devices connected to said communication system and said local network, and b) between external terminal devices that are connected to  
15 further interconnected communication systems forming a communication network and said local network. The communication network may be a digital and/or an analog communication network, and may be a line-bound and/or a radio communication network.

20 A further embodiment of the inventive arrangement has a non-volatile memory in which a LAN identifier information identifying said data network interface within said local data network is stored; and a volatile memory comprising: 1) a first sub area in which a logical network identifier information for identifying said data network interface and communication terminal devices connected to the local data network (LAN) is stored; and 2) a second sub area in  
25 which a communication network identifier information for identifying said [the identification of the] network switching unit within said communication network. In this embodiment said LAN identifier information is an interface-related LAN address whose presence is standard; said logical network identifier information is an Internet protocol address whose presence is standard; and said communication

network identifier information is a communication network telephone number.

The volatile memory may further comprise a third sub area in which further logical network identifier information of further local data networks are stored; and a fourth sub area in which further communication network identifier  
5 information are stored, a further logical network identifier information being  
respectively allocated to a further logical communication network identifier  
information.

The inventive arrangement may further comprise a further conversion  
unit for communicating said data packets via said communication network used  
10 for converting said logical network identifier information into a communication  
network identifier information. It may also comprise a security unit for checking  
routing information communicated to said network switching unit in view of an  
admissibility for a communication connection between a source and destination  
device identified by an appertaining routing information, as well as a protocol unit  
15 for protected and/or transmission protocol-conforming communication of data  
packets dependent on a selected transmission protocol.

Other embodiments of the inventive arrangement can include an output  
unit for communicating stored messages to an external terminal device that are  
output in a form of an announcement and/or an optical display at said external  
20 terminal device, a fictitious terminal port by which a redirection to said fictitious  
terminal port is established for a call directed to an internal terminal device in a  
framework of a teleworking logon of an external terminal device for assuming a  
function of said internal terminal device. The inventive arrangement may also  
comprise at least one further fictitious terminal port in which a connection setup  
25 between an external terminal device and said further fictitious terminal port is  
provided in a framework of a call initiated from said external terminal device to a  
further terminal device or from said further terminal device to said external  
terminal device. The further terminal device may be an internal device or an  
external terminal device. –

30 in line 12, cancel ", respectively,";

- in line 13, replace "comm" with ~~communication~~;
- above line 16, insert
- BRIEF DESCRIPTION OF THE DRAWINGS --;
- in line 17, replace "drawing" with ~~drawings~~;
- 5       cancel line 18;
- in line 19, after "Figure 1", insert ~~is a block diagram showing~~;
- in line 21, after "Figure 2", insert ~~is a block diagram showing~~;
- in line 23, after "Figure 3", insert ~~is a block diagram showing~~;
- above line 25, insert
- 10       --DESCRIPTION OF THE PREFERRED EMBODIMENTS--;
- in line 26, replace "therein" with ~~within~~;
- in lines 27-28, cancel ", respectively,";
- in line 29, cancel ", respectively,"; and
- in line 31, replace "Further" with ~~Furthermore~~.
- 15       **On substitute page 5:**
- replace line 2 with ~~terminals KA1...KAk~~;
- in line 3, cancel "terminals KA1,...KAk";
- in line 4, after "-", insert ~~and are~~;
- in line 6, cancel "(integrated services digital network)";
- 20       in line 7, after "as", insert ~~an~~;
- replace lines 8-9 with ~~ISDN-oriented D-channel with a transmission~~  
rate of 64 kbit/s. The switching network module KN is connected, via the  
switching terminal KAk, to a bidirectional, ~~;~~
- replace lines 11-12 with ~~IGATE~~. The switching network module KN is
- 25       respectively connected, via the further PCM terminals KA1, KA2, to a  
bidirectional, time-division multiplex-oriented ~~;~~
- in line 14, replace "Further" with ~~Furthermore~~;
- replace lines 17-18 with ~~terminal SAK~~. The control unit STE is  
connected, via the further control terminals SA1,...SA3, first to an HDLC

interface HDLCS arranged at the network switching unit-;

in line 25, replace "processing means DV" with -processor DP-; and  
in line 30, after "i.e.", insert -,.

**On substitute page 6:**

5 in line 4, replace "an" with -a-;

in line 8, replace "an" with -a-;

in line 9, replace "an" with -a-, and replace "whereby" with -by which-;

in line 12, replace "whereby" with -by which-;

in line 14, replace "Further" with -Furthermore-;

10 in line 20, replace "served for communicating" with -communicates-;

in line 22, replace "Further" with -Furthermore-;

replace lines 23-24 with -arranged at the network switching unit IGATE.

The signaling unit SE is connectable, via the HDLC interface HDLCS, to the  
control terminal SAE of the control unit STE of-;

15 in lines 30-31, cancel "or, respectively"; and

in line 31, replace both instances of "or" with -,.

**On substitute page 7:**

in line 5, after "i.e.", insert -,.

in line 7, cancel ", respectively,";

20 in line 8, replace "dependent" with -, depending-;

in line 9, replace "Further" with -Furthermore-, and replace "protocol-  
suited" with -in a protocol-suited manner-;

in line 13, after "AE", insert -,.

in line 14, after "formed", insert -,., and after "i.e.", insert -,.

25 in line 18, cancel ", respectively,";

in line 19, cancel ", respectively,", and cancel "i.e. an identification or";

in line 20, replace "respectively, address" with -(one-, and after  
"worldwide", insert -)-;

in lines 22-23, cancel ", respectively,"; and  
in lines 29-30, cancel ", respectively,".

**On substitute page 8:**

5 in line 11, replace "ALN" with -LAN-;  
in line 17, cancel "conceived"; and  
in line 30, after the second "(", insert -this-.

**On substitute page 9:**

10 in line 1, replace "Further" with -Furthermore-;  
in line 5, replace "said" with -this-;  
in line 9, after "i.e.", insert -,-;  
in line 12, cancel ", respectively,"  
in lines 13-14, cancel ", respectively,";  
in line 16, replace "said" with -this-;  
in line 19, cancel ", respectively,";  
15 in line 20, replace "thereto" with -to it-;  
in line 21, cancel ", respectively,"; and  
in line 28, replace "Given" with -For-.

**On substitute page 10:**

20 in line 3, replace "in1,..., ink" with -rn1,...rnk-;  
in line 7, cancel ", respectively,";  
in line 9, replace "this being" with -that is-;  
in line 12, replace "shall be" with -is-;  
in line 13, replace "structogram" with -diagram-;  
in line 14, replace "structogram" with -diagram-;  
25 in line 26, replace "Below, only" with -Only-, and cancel ",  
respectively,";  
in line 27, replace "shall be considered, i.e." with -are considered below,

i.e.,-

in line 28, cancel ", respectively,"; and  
in lines 29-30, replace "therein shall be" with -within are-.

5

**On substitute page 11:**

in line 2, replace "being" with -is-, and replace "said" with -the-;  
in line 3, cancel ", respectively,";  
in line 4, after "i.e.", insert -,-;  
in line 5, after "protocol", insert -four-byte-;

10

in lines 5-6, replace ", i.e. it comprises four bytes" with -.-;  
in line 6, replace "thereby" with -thus-;  
in line 11, replace "thereto" with -to it-;  
in line 16, replace "being" with -is-, and replace "said" with -the-;  
in line 17, cancel ", respectively,";

15

in line 22, replace "Further" with -Furthermore-;  
in line 25, replace "Given data" with -Data-, and cancel "to be";  
in line 28, cancel "these";  
in line 29, before "source", insert -the-, and after the last "as", insert  
-the-; and

20

in line 31, replace "KNK-R" with -BW-R--.

**On substitute page 12:**

in line 7, cancel ", respectively,";  
in line 8, replace "Given" with -For-;  
in line 21, cancel "a";

25

in line 22, replace "shall be explained" with -is explained below-; and  
in line 27, cancel "a".

**On page 13:**

in line 3, after "a", insert -a-;



in line 7, cancel "the network switching unit IGATE";  
in line 9, cancel "[sic]";  
in line 15, replace "PINA" with -PIN A-; and  
in line 24, cancel ", respectively,".

5           **On substitute page 14:**

in lines 1-2, replace "u nit" with -unit-;  
in line 20, replace "the log-on thereof" with -its log-on-;  
in line 21, replace "ensues" with -occurs-;  
in line 22, replace "Given" with -For-;  
10 in line 24, replace "the log-on thereof" with -its logon-; and  
in line 30, replace "thereto" with -,.

**On substitute page 15:**

in line 7, replace "DEV" with -DV-, and cancel "thereto-";  
in line 17, cancel "thereto-";  
15 in line 20, replace "PVX" with -PBX-;  
in line 23, replace "Given" with -For-- and  
in line 26, cancel ",."

**On substitute page 16:**

in lines 7-8, replace "as a result whereof the" with -resulting in a-;  
20 in line 9, cancel "arises";  
in line 12, replace "ensues" with -occurs-;  
in line 14, after "voice", insert -information-; and  
in line 21, replace "thereto" with -to this-.

**On substitute page 17:**

25 in line 5, replace ", this being" with -which is-;  
in line 10, after "example", insert -,.

in lines 12-13, replace "merely comprised therein" with –simply–; and  
in line 17, cancel "thereto–.

**On substitute page 18:**

in line 2, after "example", insert –,–;  
5 in line 3, after ")", insert –,–;  
in line 9, replace "ensues" with –takes place–;  
in line 17, cancel ",";  
in line 18, after "i.e.", insert –,–; and  
in line 31, cancel ", respectively,".

10 **On substitute page 19:**

in line 3, cancel the first "-";  
in lines 13-14, replace "this corresponds" with –corresponding–; and  
in line 22, cancel ", respectively,".

**On substitute page 20:**

15 in line 1, replace "wherein" with –in which–;  
in line 5, replace "thereat" with –at it–, after "example", insert –,–, and  
replace "Further" with –Furthermore–;  
– in line 7, after "SMS", insert –(short message service)–, and cancel  
"(short message service)";  
20 in line 10, after "example", insert –,–;  
in line 14, cancel ", respectively,";  
in line 15, cancel ",";  
in line 23, replace "as a result whereof" with –resulting in–;  
in line 25, cancel "arises"; and  
25 in line 26, replace "Given" with –For–.

**On substitute page 21, in line 29, after "example", insert –,–.**